

POROUS PROTON-CONDUCTIVE MEMBRANE AND PROTON- CONDUCTIVE FILM OBTAINED THEREFROM

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Abstract of JP2001294706

PROBLEM TO BE SOLVED: To provide a porous, highly proton-conductive membrane and a proton-conductive film obtained therefrom. **SOLUTION:** The porous proton-conductive membrane is prepared by incorporating a protonic acid into cells of a porous aliphatic hydrocarbon polymer membrane having a sulfo group content of 0.01-5.0 meq/g and is melted to collapse the cells, thus giving a proton-conductive film.

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